

SUBSTITUTE FORM PTO-1449  
(MODIFIED)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
NOR/998ASERIAL NO.  
09/998.875

FEB 25 2002

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STATEMENT BY APPLICANTAPPLICANT  
Condrashoff et al.FILING DATE  
October 31, 2001GROUP  
1734

(37 CFR 1.98(b))

Use several sheets if necessary)

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>mu</i>	A.A	5 8 2 3 4 1 6	10/1998	Haji			
<i>mu</i>	A.B	6 0 9 3 9 0 4	07/2000	Haji			
	A.C						
	A.D						
	A.E						
	A.F						
	A.G						
	A.H						
	A.I						
	A.J						
	A.K						

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## FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)
	A.L					
	A.M					
	A.N					
	A.O					
	A.P					
	A.Q					

## OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

	A.R	
	A.S	
	A.T	

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SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. NOR/998A		SERIAL NO. 09/998A							
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)				APPLICANT Condrashoff et al.									
				FILING DATE October 31, 2001									
(37 CFR 1.962) <b>RECEIVED</b> MAR 22 2002 1700													
U.S. PATENT DOCUMENTS													
EXAMINER INITIAL		PATENT NUMBER							ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
✓	A.A	3	2	9	4	6	7	0	12/27/66	Charschan et al.	204	298	10/7/63
	A.B	3	6	4	1	9	7	3	2/15/72	Shrader	118	49	11/25/70
	A.C	4	2	0	8	1	5	9	6/17/80	Uehara et al.	414	225	
	A.D	4	2	5	2	5	9	5	2/24/81	Yamamoto et al.	156	345	
	A.E	4	2	7	8	5	2	8	7/14/81	Kuehnle et al.	204	298	10/9/79
	A.F	4	3	1	8	7	6	7	3/9/82	Hijkata et al.	156	345	
	A.G	4	3	3	6	4	3	8	6/22/82	Uehara et al.	219	121PG	9/16/80
	A.H	4	4	0	5	4	3	5	9/20/83	Tateishi et al.	204	298	
	A.I	4	4	1	8	6	3	9	12/8/83	Wills et al.	118	50	5/19/81
	A.J	4	5	5	0	2	3	9	10/29/85	Uehara et al.	219	121PG	9/27/82
✓	A.K	4	5	5	0	2	4	2	10/1985	Uehara et al.	156	345	
FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS													
		DOCUMENT NUMBER		PUBLICATION DATE		COUNTRY OR PATENT OFFICE		CLASS	SUBCLASS	TRANSLATION (YES/NO)			
✓	A.L	DE 3935002		4/1991		Germany				Abstract Only			
	A.M	09-129581		5/1997		Japan				Abstract Only			
	A.N	59-164696		9/1984		Japan				Abstract Only			
	A.O	04-123430		4/1992		Japan				Abstract Only			
	A.P	03-023137		1/1991		Japan				Abstract Only			
✓	A.Q	04-311044		11/1992		Japan				Abstract Only			
OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)													
✓	A.R	Panasonic Factory Automation Company, <u>Plasma Cleaning Systems</u> , Brochure, 11/2000											
	A.S	Panasonic Factory Automation Company, <u>Japanese Brochure</u> , 11/2000											
✓	A.T	March Instruments, Inc., <u>In-Line Plasma System</u> , Brochure, 8/1995											
EXAMINER										DATE CONSIDERED			
KARLA MOORE										3/1/04			
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(37 CFR 1.98(b))

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
mu	B.A	4 5 7 5 2 9 9	3/1986	Layton	414	222	
	B.B	4 5 8 4 0 4 5	4/1986	Richards	156	345	
	B.C	4 6 3 7 8 5 3	1/20/87	Bumble et al.	156	345	
	B.D	4 7 0 5 4 4 4	11/1987	Tullis et al.	118	729X	
	B.E	4 7 7 0 1 2 1	9/13/88	Ebata et al.	118	686	2/3/87
	B.F	4 8 1 6 1 1 6	3/1989	Davis	156	643	
	B.G	4 8 1 6 6 3 8	3/28/89	Ukal et al.	219	121.43	10/20/87
	B.H	4 8 4 0 7 0 2	6/20/89	Schumacher, III	156	643	12/29/87
	B.I	4 8 8 9 8 0 9	12/26/89	Canella	204	298	
	B.J	5 0 3 0 0 5 6	7/9/91	Kitayama et al.	414	749	7/23/90
	B.K	5 0 4 4 8 7 1	9/1991	Davis et al.	414	786	

## FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY OR PATENT OFFICE	CLASS	SUBCLASS	TRANSLATION (YES/NO)
mu	B.L 03-159143	7-1991	Japan			Abstract Only
	B.M 6-21032	1/1994	Japan			Abstract Only
	B.N					
	B.O					
	B.P					
	B.Q					

## OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

mu	B.R	March Instruments, Inc., <u>IAC Technology Advancement Center</u> , Brochure, 2/1995
	B.S	Materials Research Corporation, <u>1.12 Inline production magnetron sputtering</u> , Journal Article, 3 pages
	B.T	Von Dr.-Ing M. Nowotnick, <u>Fraunhofer-Einrichtung fur Zuverlassigkeit und Mikrointegration (IZM)</u> , Berlin, <u>Plasmabehandlung als umweltfreundliche Alternative in der Leiterplattenfertigung</u> , Galvanotechnik D-88348 Saulgau 86 (1995) Nr. 4; Journal Article, 6 pages

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>W</i>	C.A	5 0 7 9 0 3 1	1/1992	Yamazaki et al.	118	729X	X
	C.B	5 0 8 6 7 2 9	2/1/92	Katagiri	118	729	6/13/89
	C.C	5 1 1 6 6 4 0	5/1992	Mikami et al.	118	719X	X
	C.D	5 2 1 6 2 2 3	6/1/93	Straemke	219	121.43	2/25/91
	C.E	5 2 5 9 9 4 2	11/1993	Kempf	204	298.25	X
	C.F	5 2 8 6 2 9 6	2/1994	Sato	118	719	
	C.G	5 2 8 8 6 8 4	2/1994	Yamazaki et al.	118	723 E X	
	C.H	5 2 9 2 3 9 3	3/1994	Maydan	156	345	
	C.I	5 3 0 2 0 7 7	4/1994	Sato	414	609	
	C.J	5 3 0 3 6 7 1	4/19/94	Kondo et al.	118	719	X
<i>V</i>	C.K <sup>II</sup>	5 3 1 0 4 1 0	5/1994	Begln	29	25.01	

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EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
W	D.A	5 3 1 4 2 9 8	5/1994	Kim	414	797.9	X
	D.B	5 3 4 5 0 5 6	9/6/94	Frel et al.	219	121.59	12/12/91
	D.C	5 3 8 7 2 6 5	2/1995	Kakizaki et al.	118	730X	X
	D.D	5 4 3 3 3 7 1	7/18/95	Morisako	228	180.5	10/13/93
	D.E	5 4 8 0 0 5 2	1/2/96	Furr et al.	216	71	10/22/93
	D.F	5 4 9 2 2 6 5	2/20/96	Wandke	228	205	12/20/94
	D.G	5 5 1 5 9 8 6	5/1996	Turlot et al.	156	345X	X
	D.H	5 5 4 2 5 5 9	8/8/96	Kawakami et al.	216	67	2/14/94
	D.I	5 5 7 3 5 9 7	11/12/96	Lantsman	118	723MP	X
	D.J	5 5 7 6 6 2 9	11/19/96	Turner et al.	324	709	10/24/94
✓	D.K	5 5 8 7 2 0 5	12/24/96	Saito et al.	427	553	X

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U.S. PATENT DOCUMENTS

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W	E.A	5	6	0	9	2	9	0	3/11/97	Bobbio et al.	228	206	4/20/95
	E.B	5	6	3	4	7	6	5	8/3/97	Miyoshi	414	786	6/7/95
	E.C	5	6	4	7	9	4	2	8/1998	Haji	156	281	X
	E.D	5	7	0	7	4	6	5	1/13/98	Rolfson et al.	156	643.1	12/20/95
	E.C	5	7	6	7	0	6	8	6/1998	Haji	414	612	X
	E.F	5	7	7	9	8	6	7	8/1998	Domfest et al.	134	1.2	X
	E.G	5	8	5	8	5	1	0	9/1998	Sivaramakrishnam et al.	427	255.6	X
	E.H	5	9	7	2	1	6	3	10/26/99	Haji	156	345	2/6/98
	E.I	6	3	3	1	3	4	7	12/18/01	Haji	428	209	4/1/98
	E.J												
E.K													

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